

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: October 23, 1999, 02:11:16 ; Search time 57.27 Seconds
 (without alignments)
 3464.479 Million cell updates/sec

Title: US-08-978-217-3

Sequence: 1 CGGCCAGATACCTCAGGCT.....CTAAAAAAAAAAAAAAAAAA 1907

Scoring table: IDENTITY_NUC

Searched: 192659 seqs, 52021692 residues

Database : Issued_Patents_NA:*

- 1: /cgn2_6/ptodata/1/1na/5A_COMB.seq.*
- 2: /cgn2_6/ptodata/1/1na/5B_COMB.seq.*
- 3: /cgn2_6/ptodata/1/1na/5C_COMB.seq.*
- 4: /cgn2_6/ptodata/1/1na/5D_COMB.seq.*
- 5: /cgn2_6/ptodata/1/1na/PCtUS9_COMB.seq.*
- 6: /cgn2_6/ptodata/1/1na/backfilss1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1843.2	96.7	1920	3	US-08-746-789A-1
2	84.8	4.4	2266	4	US-09-213-767-1
3	73.4	3.8	2975	2	US-08-368-281-1
4	73.4	3.8	3240	2	US-08-368-281-1
5	59.8	3.1	2667	3	US-08-469-412A-1
6	51.2	2.7	2410	4	US-08-780-835B-1
7	51.4	2.7	7218	4	US-08-232-463-14
8	49.6	2.6	1604	2	US-08-306-691B-43
9	49.6	2.6	1604	5	PCT-US93-05251-9
10	44.6	2.3	1364	5	US-08-306-691B-50
11	44.6	2.3	1364	5	PCT-US93-06251-65
12	41.8	2.2	2544	3	US-08-469-412A-6
13	38.8	2.0	2089	1	US-07-977-630-81
14	38.8	2.0	2089	1	US-07-977-630-82
15	38.8	2.0	5173	2	US-08-242-677-1
16	38.8	2.0	3993	2	US-08-316-950-14
17	38.8	2.0	6044	2	US-08-316-950-18
18	38.8	2.0	50341	2	US-08-247-901C-1
19	38.8	2.0	3993	5	PCT-US95-12642-14
20	38.8	2.0	6044	5	PCT-US95-12642-18
21	36.2	1.9	11219	3	US-07-642-734C-1
22	36	1.9	1155	3	US-08-675-650B-3
23	35.6	1.9	1157	1	US-07-709-949-1
24	35.4	1.9	1680	1	US-08-234-783-3
25	35.4	1.9	1680	1	US-08-466-907-3
26	35.4	1.9	1680	5	PCT-US95-05523-3
27	35	1.8	1975	3	US-08-852-743-1
28	35	1.8	2161	3	US-08-712-709-4
29	34.6	1.8	1240	2	US-08-240-372-2
30	34.6	1.8	4616	2	US-08-340-203A-1
31	34.6	1.8	2403	3	US-08-471-033-50
32	34.6	1.8	2403	3	US-08-471-044-50
33	34.6	1.8	2403	3	US-08-452-567-1
34	34.6	1.8	4616	3	US-08-463-483A-30
35	34.6	1.8	2403	3	US-08-471-046A-30
36	34.6	1.8	2403	3	US-08-470-566B-30
37	34.6	1.8	2403	4	US-08-838-219B-7
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					Sequence 1, Appl1
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					Sequence 3, Appl1
					Sequence 1, Appl1
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					Sequence 14, Appl1
					Sequence 43, Appl1
					Sequence 5, Appl1
					Sequence 9, Appl1
					Sequence 50, Appl1
					Sequence 65, Appl1
					Sequence 6, Appl1
					Sequence 81, Appl1
					Sequence 82, Appl1
					Sequence 1, Appl1
					Sequence 14, Appl1
					Sequence 18, Appl1
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					Sequence 1, Appl1
					Sequence 1, Appl1
					Sequence 3, Appl1
					Sequence 3, Appl1
					Sequence 1, Appl1
					Sequence 4, Appl1
					Sequence 2, Appl1
					Sequence 1, Appl1
					Sequence 30, Appl1
					Sequence 30, Appl1
					Sequence 1, Appl1
					Sequence 1, Appl1
					Sequence 30, Appl1
					Sequence 7, Appl1

45	33	1.7	4031	3	US-08-463-468A-49	Sequence 49, April
44	33.6	1.8	1603	2	US-08-625-209A-1	Sequence 1, April
43	33.6	1.8	1386	4	US-08-897-340-1	Sequence 1, April
42	34.4	1.8	1288	3	US-08-440-850B-5	Sequence 9, April
41	41	1.8	1155	3	US-08-675-656A-9	Sequence 9, April
40	34.6	1.8	4616	4	US-08-452-427-1	Sequence 1, April
39	34.6	1.8	2241	4	US-08-838-219B-20	Sequence 19, April
38	34.6	1.8	2370	4	US-08-838-219B-19	Sequence 19, April

ALIGNMENTS

```

1      RESULT 1
US-08-746-789A-1
: Sequence 1, Application US/08746789A
: Patent No. 5789200
: GENERAL INFORMATION:
: APPLICANT: Ismail Kola, Martin J. Tyms, Christine DeBouck
: TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ELF3
: NUMBER OF SEQUENCES: 4
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Smithkline Beecham Corporation
: STREET: 709 Swedeland Road, P.O. Box 1399
: CITY: King of Prussia
: STATE: PA
: COUNTRY: USA
: ZIP: 19406-0939
: COMPUTER READABLE FORM:
: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
: COMPUTER: IBM 486
: OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
: SOFTWARE: MICROSOFT WORD
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/746,789A
: FILING DATE: No. 5789200ember 15, 1996
: CLASSIFICATION: 514
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER:
: FILING DATE:
: ATTORNEY/AGENT INFORMATION:
: NAME: William T. Han
: REGISTRATION NUMBER: 34,344
: REFERENCE/DOCKET NUMBER: ATG 50024
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 610 270 5219
: TELEFAX: 610 270 4026
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1920
: TYPE: Nucleic Acid
: STRANDEDNESS: Single
: TOPOLOGY: Linear
: ANTI-SENSE: NO
US-08-746-789A-1

Query Match          96.7%; Score 1843.2; DB 3; Length 1920;
Best Local Similarity 99.1%; Pred. No. 0;
Matches 1885; Conservative % 0; Mismatches 13; Indels 4; Gaps

OY      1 CGGCACAGTACTCAGCGCTCACTGGGGGAATTCGTCCGCCCTGCGGCGCTGC   60
DB      20 CGGCACAGTACTCAGCGCTCACTGGGGGAATTCGTCCGCCCTGCGGCGCTGC   79
OY      61 CTGCACAGCGCGGACTCGGCACATCCGGTAGCTCATGCTGCAACCCTGTAGATTAGA   120
DB      80 CTGCACAGCGCGGACTCGGCACCCCGGTACTCATTAGGCTGCAACCTGTAGATTAGA   139
OY     121 ACAATTTTAGCACTACTCTAGTGCGATGTACACTGGAGAGACTCCACCCTGGCCTCTG   180
DB     140 ACAATTTTAGCACTACTCTAGTGCGATGTACAGCTGGAGAGACTCCACCCTGTGGCCTCTG   199

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QY	181	TTTCCCTGCTGCACCTTTGGGGGGCGATGGTATGTAGACCTGTAGCAACCCCGA	240
Db	200	TTCCCTCTGCTGCCACCTTTGGGGGGCGATGACTGTGTACTGTAGCAACCCCGA	259
QY	241	TGTCATTGAGGGGTACAGAGAAGGCCAGGTGGTTGGGGGAACAGCCCGCAGTTGTGTGA	300
Db	260	TGTCAATTGAGAGGGTACAGAGAAGGTAGTACGTGGTTGGGGGAACAGCCCGCAGTTGTGTGA	319
QY	301	AGACGCAAGTTCTTGAGACTGAGTATAGCTACCAGTAGTGGAGAAGAACAGTACGACGCAAGC	360
Db	320	AGACGCAAGTTCTTGAGACTGAGTATAGCTACCAGTAGTGGAGAAGAACAGTACGACGCAAGC	379
QY	361	CCATTGACTCTCAAGATGTAGATGGATGGCGGCCACCTCTGCATAATTGTGGCCTTAGG	420
Db	380	CCATTGACTCTCAAGATGTAGATGGATGGATGGCGGCCACCTCTGCATAATTGTGGCCTTAGG	439
QY	421	AGCTGCTGTGTCTTTGGGGCTCTTGGGGGACCAACCTCCATGSCCAGCTGGCAGACTCA	480
Db	440	AGCTGCTGTGTCTTTGGGGCTCTTGGGGGACCAACCTCCATGSCCAGCTGGCAGACTCA	499
QY	481	CTTCCAGCTCTTCTGATGAGCTAGTTGGATCAATTAGCTGCTGGAGAAAGATGGCATGG	540
Db	500	CTTCCAGCTCTTCTGATGAGCTAGTTGGATCAATTAGCTGCTGGAGAAAGATGGCATGG	559
QY	541	CCCTTCAGAGGGCCCTTGAGCCAGGGGCCCTTTGACCAGGGGAGGCCCTTGGCCAGAGGC	600
Db	560	CCCTTCAGAGGGCCCTTGAGCCAGGGGCCCTTGTACCAGGGGAGGCCCTTGGCCAGAGGC	619
QY	601	TGCTGAGCAGAGGTCAGACAGCCAGGCCCTTACCACCCCGGACGTGTGGCGCAGAGGCC	660
Db	620	TGCTGAGCAGAGGTCAGACAGCCAGGCCCTTACCACCCCGGACGTGTGGCGCAGAGGCC	679
QY	661	CTTCCCTGGCAGCTGTGACGTCTCCACCGCAGAGGACTGTGTCTCTGGAGCTCCACT	720
Db	680	CTTCCCTGGCAGCTGTGACGTCTCCACCGCAGAGGACTGTGTCTCTGGAGCTCCACT	739
QY	721	CCTTAGACTCCGGTGGAAAGTAGAGTGGACTGGATCCCACTAGTATGGCAAGCTCTTCCCA	780
Db	740	CCTTAGACTCCGGTGGAAAGTAGAGTGGACTGGATCCCACTAGTATGGCAAGCTCTTCCCA	799
QY	781	GCATGTGTTTTCGTAATGTGCAGAAAGGGGATGCCAAGCAGCGGAGGGAACGAGGCC	840
Db	800	GCATGTGTTTTCGTAATGTGCAGAAAGGGGATGCCAAGCAGCGGAGGGAACGAGGCC	859
QY	841	GGCCCCGAAAGCTGAGCAAGAGTACTGGGACTGTCTGAGGGGCAAGAGAGCAGCAGC	900
Db	860	GGCCCCGAAAGCTGAGCAAGAGTACTGGGACTGTCTGAGGGGCAAGAGAGCAGCAGC	919
QY	901	CGCCCAAGAGCACCACCTGTGGGAGTTACTCGGGACATCTCTATCCACC CGGAGCTCA	960
Db	920	CGCCCAAGAGCACCACCTGTGGGAGTTACTCGGGACATCTCTATCCACC CGGAGCTCA	979
QY	961	ACGAGGGCTCTATGAAAGTGGGAAATTCGGCATGAAAGGCTCTTCAAGTTCCTGSCCTCG	1020
Db	980	ACGAGGGCTCTCTATGAAAGTGGGAAATTCGGCATGAAAGGCTCTTCAAGTTCCTGSCCTCG	1039
QY	1021	AGGCTGTGGCCCAACTATGCGGGCCAAAGAAAAAGAAACAGCAACTGACCTACGAGAAGC	1080
Db	1040	AGGCTGTGGCCCAACTATGCGGGCCAAAGAAAAAGAAACAGCAACTGACCTACGAGAAGC	1099
QY	1081	TGAGCCCGGGCCATGAGTACTACTACAAACGGGAGATCTCTGAAACGGGTGGATGGCCGGC	1140
Db	1100	TGAGCCCGGGCCATGAGTACTACTACAAACGGGAGATCTCTGAAACGGGTGGATGGCCGGC	1159
QY	1141	GACTGTGCTCAAGTTTGGCAAAAACGCAAGGGCTGGAAGGGAAGAGGTTCTCCAGA	1200
Db	1160	GACTGTGCTCAAGTTTGGCAAAAACGCAAGGGCTGGAAGGGAAGAGGTTCTCCAGA	1219
QY	1201	GTCGGAAGTGAAGTTGGAACTATACCCGGGACCAAACTACAGGACCACTCAGAGCTGAC	1260
Db	1220	GTCGGAAGTGAAGTTGGAACTATATCCCGGGACCAAACTACAGGACCACTCAGAGCTGAC	1279
QY	1261	AAACCTTACTGGAGGAGCAGGACAGCCAGATGGCCCTCTCACTGGGGAAATGCTCCCACT	1320

QY	1280	AAACCTTCTCTGGGAGGACAGGACGAGGCGGATGAGCCCTTCCACTGGGGAATGCTCCAGCT	1339
QY	1321	GTGCTGTGGAGAGAAAGCTGATGTTTGGTGTATTTGTCAAGCCATGCTCTTGGACTCGGAG	1380
Db	1340	GTGCTGTGGAGAGAAAGCTGATGTTTGGTGTATTTGTCAAGCCATGCTCTTGGAGACTCGGAG	1399
QY	1381	ACTATGGCCTGGCCCTCCACCTCTCTTGGAAATTAAGAGCCCTGGGTTTGAAGCTGA	1440
Db	1400	ACTATGGCCTGGCCCTCCACCTCTCTTGGAAATTAAGAGCCCTGGGTTTGAAGCTGA	1459
QY	1441	CTTTATAGCTCAGTAGTATCTCTTTTATCTGTGTGTCCTCTCAAAACCAGTCTCAGACA	1500
Db	1460	CTTTATAGCTCAGTAGTATCTCTTTTATCTGTGTGTCCTCTCAAAACCAGTCTCAGACA	1519
QY	1501	CTTAAATCAGACAAACACACTTCTTCTCTCAGACACTTGGACTGAGCCAAAGAGCTTGGG	1560
Db	1520	C-TAAATCAGACAAACACACTTCTTCTCTCAGACACTTGGACTGAGCCAAAGAGGCTTGGG	1578
QY	1561	--AGGCCCTAGGGAGACCGGTGATGGAGAGAGACAGAGAGGGGGCTCCAGCA-CTTCTTTC	1617
Db	1579	GAGGCCCTAGGGAGACCGGTGATGGAGAGAGACAGAGAGGGGGCTCCAGCACTTCTTTC	1638
QY	1618	TGAGACTGGCGTTTACACTCCCTGCTCAGTGTCTTGGGCTCCAGGGGCGGAGGACT	1677
Db	1639	TGAGACTGGCGTTTACACTCCCTGCTCAGTGTCTTGGGCTCCAGGGGCGGAGGACT	1698
QY	1678	CCCTAATTTATGTGCTATATAAATATGTCAATAGATCTATTTTCTTAAAA	1737
Db	1699	CCCTAATTTATGTGCTATATAAATATGTCAATAGATCTATTTTCTTAAAA	1758
QY	1738	CATTCCTCCCTCCCACTCTCTCCACAGAGGCTGGAGCTTCCAGGCCCTCCAGTGGGC	1797
Db	1759	CATTCCTCCCTCCCACTCTCTCCACAGAGGCTGGAGCTTCCAGGCCCTCCAGTGGGC	1818
QY	1798	TGATGCTGGAGACCTTGAAGATGGGAGCTCCAGCTCTTCTCTGATGAGGAGCAGAG	1857
Db	1819	TGATGCTGGAGACCTTGAAGATGGGAGCTCCAGCTCTTCTCTGATGAGGAGCAGAG	1878
QY	1858	ACCTTCGAATAAAGTGCTTGGGCTTTTCTAAAAA	1899
Db	1879	ACCTTCGAATAAAGTGCTTGGGCTTTTCTAAAAA	1920
RESULT 2			
US-09-213-767-1			
Sequence 1, Application US/09213767			
Patent No. 5948680			
GENERAL INFORMATION:			
APPLICANT: Brenda F. Baker			
APPLICANT: Lex M. Cowser			
TITLE OF INVENTION: ANTISENSE MODULATION OF ELK-1 EXPRESSION			
FILE REFERENCE: RTS-0024			
CURRENT APPLICATION NUMBER: US/09/213,767			
CURRENT FILING DATE: 1998-12-17			
NUMBER OF SEQ ID NOS: 47			
SEQ ID NO 1			
LENGTH: 2266			
TYPE: DNA			
ORGANISM: Homo sapiens			
FEATURE:			
NAME/KEY: CDS			
LOCATION: (316)..(1602)			
US-09-213-767-1			
QY	959	CAACGAGGGCCCTCATGAAGTGGAGATCGGCATGAGGCGCTTCAAGTTCTCGCTC	1018
Db	372	caatgagccacatcatctctcgaactcagaggaatggtgtgtagatcaagctggtgtagtc	431
Query Match 4.4% Score 84.8 DB 4 Length 2266			
Best Local Similarity 64.0% Pred. No. 3.5e-14			
Matches 128 Conservative 0 Mismatches 72 Indels 0 Gaps 0			

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Foley & Lardner
 STREET: 1800 Diagonal Road, Suite 500
 CITY: Alexandria
 STATE: VA
 COUNTRY: USA
 ZIP: 22313-0299
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/232,463
 FILING DATE:
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/07/935,313
 FILING DATE:
 APPLICATION NUMBER: EP 91 114 300.6
 FILING DATE: 26-AUG-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: BENT, Stephen A.
 REGISTRATION NUMBER: 29,768
 REFERENCE/DOCKET NUMBER: 30472/114 IMMU
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703)836-9300
 TELEFAX: (703)683-4109
 TELEX: 899149
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 7218 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IMMEDIATE SOURCE:
 CLONE: PTZ9PT-F15
 US-08-232-463-14

Query Match 2.7%; Score 51.2; DB 2; Length 7218;
 Best Local Similarity 1.38; Pred. No. 0.00015;
 Matches 5; Conservative 224; Mismatches 147; Indels 0; Gaps 0;

QY 824 GAAGCGAAGCAGAGCGCGCCGGAAGCTGAGCAAGAGTACTGGAGCTGCTCGAGG 883
 DB 1434 RRR 1375
 QY 884 CAAGAAGACCAAGCAGCGCCGAGAGGACCCACCTGTGGAGTTCATCCGGACATCCT 943
 DB 1374 RRR 1315
 QY 944 CATCCACCGGAGCTCAAGAGGCTCATGAAGTGGAGAAATCGGCATGAAGCGCTTT 1003
 DB 1314 RRR 1255
 QY 1004 CAAGTCTGCGCTCGAGGCTGTGCCCACTATGCGGCAAAAAGAAAGACGAA 1063
 DB 1254 RRR 1195
 QY 1064 CATGACCTAGAGAGTGAAGCGGCGCATGAGTACTACTACAAAGGAGATCTTGA 1123
 DB 1194 RRR 1135
 QY 1124 ACGGCTGATGGCGCGGAGCTGCTACAAAGTTGGCAAAAATCAAGCGGCTGGAAGA 1183
 DB 1134 RRR 1075
 QY 1184 GGAAGAGTTCCTCAG 1199
 DB 1074 RRRRRRRRATCGCAG 1059

RESULT 8
 US-08-306-691B-43
 Sequence 43, Application US/08306691B
 Patent No. 5734039
 GENERAL INFORMATION:
 APPLICANT: Calabretta, Bruno
 APPLICANT: Skorski, Tomasz
 TITLE OF INVENTION: ANTISENSE
 TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
 NUMBER OF SEQUENCES: 55
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Seidel, Conde, Lavorgna & Monaco, P. C.
 STREET: Two Penn Center, Suite 1800
 CITY: Philadelphia
 STATE: Pennsylvania
 COUNTRY: U.S.A.
 ZIP: 19102
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: Wordperfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/306,691B
 FILING DATE: September 15, 1994
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Monaco, Daniel A.
 REGISTRATION NUMBER: 30,480
 REFERENCE/DOCKET NUMBER: 8321-8
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-8383
 TELEFAX: (215) 568-5549
 TELEX: NO. 5734039E
 INFORMATION FOR SEQ ID NO: 43:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1604 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 US-08-306-691B-43

Query Match 2.6%; Score 49.6; DB 2; Length 1604;
 Best Local Similarity 56.0%; Pred. No. 0.00019;
 Matches 94; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

QY 991 ATGAAGCGCTTCAAGTCTCGCTCGAGGCTGCGCCCACTATGCGGCAAGA 1050
 DB 1354 ATGGCTGGAAATCAAACTTCTGACCCAGATGAGTGTGCCGAGATGGGAAAGAGA 1413
 QY 1051 AAAAAGACGACATGACTACGAGAAAGCTGAGCGGCGCATGAGTACTACTCAAAC 1110
 DB 1414 AAAAAGAACTATGATATGAGAAACGAGCCGCTGAGCTACGTAATTACGACA 1473
 QY 1111 GGGATCTCTGGAAGGATGCGCGGCGGAGCTGCTACAGTTG 1158
 DB 1474 AAAACATCATCCACAAGACAGCGGGAACGCTACGTATACCGCTTG 1521

RESULT 9
 PCT-US93-06251-9
 Sequence 9, Application PC/TUS9306251
 GENERAL INFORMATION:
 APPLICANT: Wicksstrom, Eric and Rife, Jason P.
 TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
 TITLE OF INVENTION: Stereospecific Alkylphosphonates and Arylphosphonates
 NUMBER OF SEQUENCES: 93
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: SCOLLY, SCOTT, MURPHY & PRESSER

STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digilio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: 8586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1604 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-9

Query Match 2.6%; Score 49.6; DB 5; Length 1604;
Best Local Similarity 56.0%; Pred. No. 0.00019;
Matches 94; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

QY 991 ATGAAGCGCTCTCAAGTCTCGCGCTCCGAGCGTGTGGCCCAACTATGGGCGCAAGA 1050
DB 1354 ATGGCTGGGAATTCAACTTCTGTGACCCAGATGAGTGGCCGAGAGGGAAGA 1413
QY 1051 AAAAGACAGCAACATGACCTACGAGAGCTGAGCGGCGCATGTACTACTACAAC 1110
DB 1414 AAAACAACCTAGATGATTTATGAAACTGAGCGCTAGCTACTATTACGACA 1473
QY 1111 GGGAGATCCTTGAGACGGGTGATGCCCGGACACTGCTCTACAAGTTTG 1158
DB 1474 AAAACATCATCCACAAGACGCGGGGAAACGCTACGTGACCGCTTTG 1521

RESULT 10
US-08-306-691B-50
Sequence 50, Application US/08306691B
Patent No. 5734039
GENERAL INFORMATION:
APPLICANT: Calabretta, Bruno
APPLICANT: Skorski, Tomasz
TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seidel, Gonde, Lavoraga & Monaco, P. C.
STREET: Two Penn Center, Suite 1800
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19102
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 KB
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/306.691B

FILING DATE: September 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 8321-8
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
TELEX: No. 5734039e
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 1364 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-306-691B-50

Query Match 2.3%; Score 44.6; DB 2; Length 1364;
Best Local Similarity 51.1%; Pred. No. 0.0043;
Matches 157; Conservative 0; Mismatches 144; Indels 6; Gaps 2;

QY 912 ACCCAGCTGTGGAGTTCATCCGGACATCTCATCCAGCGAGCTCAACGAGGCGCTC 971
DB 701 ATCCGCTGTACAGTTCCTGTTGGACTGCTCCGAGCGCGACATGAAGACACACATC 760
QY 972 ATGAAGTGGGAGATCGCATGAAGGCGTC---TTCAGTTCCTGCGCTCCGAGGCTG 1028
DB 761 TGTGTGGTGACAGAGCAAGGCGCACCCTTCCAGTTCTGTCCAGACAGAGAGGCGCTG 820
QY 1029 GCCCACTATGGG---CCAAAAGAAAAGACAGCAACATGACCTACGAGAGCTGAGC 1085
DB 821 GCGACAGCGTGGGCGCATCCAGAAAGGCGACCGCAAGATGACCTACCAAGATGAGTGGC 880
QY 1086 CGGCGCATGAGTACTACTCAAAACGGGAGATCTCTGAGACGGGTGATGCGCGGCACTC 1145
DB 881 CGCGCGTGGCGCACTCGGCGAGAGCGGCGAGGTCAAGAGGTGAAGAAAGCTCACC 940
QY 1146 GTCACAAAGTTTGGCAAAACCTCAGCGGCTGGAAGAGGAGAGAGGTTCCTCAGAGTGG 1205
DB 941 TACAGTTCAGCGCGCAAGTGTGGCGCGGCGGCGCTGGCCGAGGCGGCCACCGGCC 1000
QY 1206 AACTGAG 1212
DB 1001 CACTGAG 1007

RESULT 11
PCT-US93-06251-65
Sequence 65, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing Stereospecific Alkylphosphonates and Arylphosphonates
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSEE: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251

```

: FILING DATE: 19930630
: CLASSIFICATION:
: ATTORNEY/AGENT INFORMATION:
: NAME: DIGILIO, Frank S.
: REGISTRATION NUMBER: 31,346
: REFERENCE/DOCKET NUMBER: 8586
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 516-742-4343
: TELEFAX: 516-742-4366
: TELETYPE: 230 901 SANS UR
: INFORMATION FOR SEQ ID NO: 65:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1364 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: PCT-US93-06231-65

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Query Match          2.3%: Score 44.6; DB 5; Length 1364;
Best Local Similarity 51.1%; Pred. No. 0.0043;
Matches 157; Conservative 0; Mismatches 144; Indels 6; Gaps 2;

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QY 912 ACCACCTGTGGAGTTTCATCCGGGACATCTCATCCACCCGAGCTCAAGAGGCGCTC 971
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 701 ATCCGCTTACCATGTTCTGTTGACCTGCTCCGACGCGGACATGAAGACACATC 760

QY 972 ATGAATGGAGAAATCGGATGAGGCGTC---TTCAAGTCTCTGGCTCCACGCTGTG 1028
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 761 TGGTGGTGGACAGGACAGGAGGACCTTCTCATGAGGACAGAGGAGGCGCTG 820

QY 1029 GCCCACTATGGGG---CCAAAAAGAAAAGAACAGCAATGACCTACGAGAAGTGAAGC 1085
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 821 GCGGACCGCTGGGGCATTCAGAAAGGCAACCGCAAGATATGCTACCAAGAAAGTGGG 880

QY 1086 CGGGCCATGAGTACTACTACAAAGCGGAGATCTTGGAAAGGAGTGGATGGCGGCGATC 1145
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 881 CCGCGCTCGCAACTACGCAAGAGCGGCGAGGTCAAGAGGTGAAGAAGTCTACAC 940

QY 1146 GTCTACAAATTGGCAAAATCTCAAGCGCTGGAAGAGGAGAGGTTCTCCAGATCGG 1205
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 941 TACCAATTCAGCGGAGAGTGTGTGGCGCGGGGGCGCTGCGCGAGGCGCACCGCGCC 1000

QY 1206 AACTGAG 1212
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 1001 CACTGAG 1007

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RESULT 12
US-08-469-412A-6
: Sequence 6, Application US/08469412A
: Patent No. 585125
: GENERAL INFORMATION:
: APPLICANT: Mavrothalassitis, George J.
: APPLICANT: Blair, Donald G.
: APPLICANT: Fisher, Robert J.
: APPLICANT: Beal Jr., Gregory J.
: APPLICANT: Athanasiou, Meropi A.
: APPLICANT: Sgouras, Dionysios N.
: TITLE OF INVENTION: The ERF Genetic Locus and Its Products
: NUMBER OF SEQUENCES: 16
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Townsend and Townsend and Crew LLP
: STREET: Two Embarcadero Center, Eighth Floor
: CITY: San Francisco
: STATE: California
: COUNTRY: USA
: ZIP: 94111-3834
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS

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: SOFTWARE: PatentIn Release #1.0, Version #1.30
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/469,412A
: FILING DATE: 05-JUN-1995
: CLASSIFICATION: 435
: ATTORNEY/AGENT INFORMATION:
: NAME: Gairlett-Wackowski, Eugenia
: REGISTRATION NUMBER: 37,330
: REFERENCE/DOCKET NUMBER: 015280-229000
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (415) 576-0200
: TELEFAX: (415) 576-0300
: INFORMATION FOR SEQ ID NO: 6:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 2544 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: DNA (genomic)
: FEATURE:
: NAME/KEY: -
: LOCATION: 1..2544
: OTHER INFORMATION: /note="genomic DNA sequence for murine
: OTHER INFORMATION: ERF gene (promoter region and first exon
: OTHER INFORMATION: not included)"
: US-08-469-412A-6

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Query Match          2.2%: Score 41.8; DB 3; Length 2544;
Best Local Similarity 54.9%; Pred. No. 0.036;
Matches 107; Conservative 0; Mismatches 82; Indels 6; Gaps 1;

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QY 904 CCAGAGGACCCACCTGTGGGATTCATCCGGACATCTCATCCACCCGAGCTCAAGC 963
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 433 CCAGGACATCATGAGTGTGGACCTTATCTTGAGCTGTGGAAGAAGAGTATCCAGG 492

QY 964 AGGCGCTCATGAGTGGAGAAATCGGCATGAAGCGCTTCAAGTTCCTGCGCTCCGAGG 1023
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 493 GCGTCATGCTGTGGAGGGGACATCGAGGAGTGTGTCATCAAGAGAC-----CTGATG 546

QY 1024 CTGTGCCCCACTATGAGGCGCCAAAGAAAAGAACAGCAATGACCTACGAGAAGCTGA 1083
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 547 AAGTGTCTGCGCTGTGGGGGCTCCGCAAGTCCAAACCCAGATGAATGACAAGCTGA 606

QY 1084 GCCGGGCAATGAGT 1098
   ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 607 GCCGGGCTTGGCT 621

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RESULT 13
US-07-977-630-81
: Sequence 81, Application US/07977630
: Patent No. 5583038
: GENERAL INFORMATION:
: APPLICANT: Stover, Charles K.
: TITLE OF INVENTION: BACTERIAL EXPRESSION VECTORS CONTAINING
: TITLE OF INVENTION: DNA ENCODING SECRETION SIGNALS OF LIPOPROTEINS
: NUMBER OF SEQUENCES: 84
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Carella, Byrne, Bain, Giffillan, Cecchi,
: ADDRESSEE: Stewart & Olstein
: STREET: 6 Becker Farm Road
: CITY: Roseland
: STATE: New Jersey
: COUNTRY: USA
: ZIP: 07068
: COMPUTER READABLE FORM:
: MEDIUM TYPE: 3.5 inch diskette
: COMPUTER: IBM
: OPERATING SYSTEM: MS-DOS
: SOFTWARE: ASCII
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/07/977,630

```

FILING DATE: NO. 5583038ember 17, 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 469201-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 2089 nucleotides
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
US-07-977-630-81

Query Match 2.0%; Score 38.8; DB 1; Length 2089;
Best Local Similarity 51.8%; Pred. No. 0.22;
Matches 88; Conservative 0; Mismatches 82; Indels 0; Gaps 0;

QY 861 GAGTACTGGGACTGCTCTCGAGGCGAGAGCAAGCAGCGGCCCGAGGCGCACCTG 920
DB 732 GAGACCTTGACCCCTCCACAGAGCGGCGAGAGAGCGAGCGCCCGCATCAGCTG 791
QY 921 TGGAGTTTCATCCGGGAGCATCTCATCCAGCCGAGCTCAACGAGGCGCTCATGAGTG 980
DB 792 GAGAGGTACACCGGAGTATGCTCTGAGGCGGACCTCGAGCGGACACGAGGATGTG 851
QY 981 GAGATCGCATGAAGCGGCTTTCAGTTCTCGCGCTCGAGGCTGTGGC 1030
DB 852 TACAGCGGCGACGCGGAGCGCGCATCTACCCGCTAGGTGTAAGTGCC 901

RESULT 14

US-07-977-630-82/C
Sequence 82, Application US/07977630
Patent No. 5583038

GENERAL INFORMATION:
APPLICANT: Stover, Charles K.
TITLE OF INVENTION: BACTERIAL EXPRESSION VECTORS CONTAINING
NUMBER OF SEQUENCES: 84
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Byrne, Bain, Gillfillan, Cecchi,
STREET: 6 Becker Farm Road
CITY: Roseland
STATE: New Jersey
COUNTRY: USA
ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM
OPERATING SYSTEM: MS-DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977 630
FILING DATE: No. 5583038ember 17, 1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herron, Charles J.
REGISTRATION NUMBER: 28,019
REFERENCE/DOCKET NUMBER: 469201-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-994-1700
TELEFAX: 201-994-1744

INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 2089 nucleotides
TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
US-07-977-630-82

Query Match 2.0%; Score 38.8; DB 1; Length 2089;
Best Local Similarity 51.8%; Pred. No. 0.22;
Matches 88; Conservative 0; Mismatches 82; Indels 0; Gaps 0;

QY 861 GAGTACTGGGACTGCTCTCGAGGCGAGAGCAAGCAGCGGCCCGAGGCGCACCTG 920
DB 1358 GAGACCTTGACCCCTCCACAGAGCGGCGAGAGAGCGAGCGCCCGCATCAGCTG 1299
QY 921 TGGAGTTTCATCCGGGAGCATCTCATCCAGCCGAGCTCAACGAGGCGCTCATGAGTG 980
DB 1298 GAGAGGTACACCGGAGTGTCTGTGAGCGGACCTCGCAGACCGCACGAGGATCTG 1239
QY 981 GAGATCGCATGAAGCGGCTTTCAGTTCTCGCGCTCGAGGCTGTGGC 1030
DB 1238 TACAGCGGCGACGCGGAGCGCGCATCTACCCGCTAGGTGTAAGTGCC 1189

RESULT 15

US-08-242-677-1/C
Sequence 1, Application US/08242677
Patent No. 5677143

GENERAL INFORMATION:
APPLICANT: Gaynor, Richard B
TITLE OF INVENTION: Cellular Nucleic Acid Binding Protein
TITLE OF INVENTION: and uses thereof in regulating Gene Expression and in the
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
CITY: Houston
STATE: TX
COUNTRY: USA
ZIP: 77210

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/242,677
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Mayfield, Denise L.
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:401
TELECOMMUNICATION INFORMATION:
TELEPHONE: 713-787-1400
TELEFAX: 713-789-2679

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5173 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 1..4863
US-08-242-677-1

Query Match 2.0%; Score 38.8; DB 2; Length 5173;
Best Local Similarity 50.5%; Pred. No. 0.37;
Matches 94; Conservative 0; Mismatches 92; Indels 0; Gaps 0;

